

ABSTRACT OF THE DISCLOSURE

A stable aqueous suspension of water-soluble polyacrylamide particles is in a saturated solution of an ammonium salt. The polyacrylamide particles are characterized by a particle size of about -150 mesh, and preferably -270 mesh, with -400 mesh most preferred. The suspension is at least about 2.5% by weight polyacrylamide. When the ammonium salt is ammonium sulfate, PAM concentrations as high as about 15% by weight can be achieved while still being easily flowable. The suspension is made by stirring the small particle PAM into the saturated ammonium salt solution. The PAM can be quickly dissolved to form a less concentrated PAM solution by adding the suspension to water or to a dilute solution, which can include calcium salts or other soil enhancers.